

Application No.: 10/814,992
Amendment dated: March 30, 2006
Reply to Office Action of November 30, 2005
Attorney Docket No.: 56229-153 (ANAK-248)

B. AMENDMENTS TO THE SPECIFICATION

Replace paragraph [0050] in the specification as originally filed, with the following rewritten paragraph:

[0050] As can be seen from Table 1 in FIG. 5, the improved accuracy of the method of the present invention is striking, for the case of two kVp values (at 25 kVp, and 30 kVp, respectively). In the prior art, which uses one kVp value of 30 kVp in pre-exposure, the error in terms of the percentage of the glandular tissue equals to about 41.3%. This value is computed as follows: $\{(0.751-0.672)/(0.846-0.655)\} * 100\% = 41.3\%$. In the method of the present invention, in which a dual energy pre-exposure is performed and $\Delta\mu$ tables are used, the error is much smaller, namely 3.4 %. In other words, the error is reduced by a factor of more than about 10. The error in the dual energy pre-exposure method of the present invention is computed as follows: $\{0.0025/(0.156-0.083)\} * 100\% = 3.4\%$.